**Ordering Information**

Type	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSBW	1					
	1 = 1-Lamp T5					
		4 = 4-Foot				
		8 = 8-Foot				
			B			
			B = Pierced			
				28 = 28W T5	1 = 120 Volt	AL = Aluminum
				54 = 54W T5	2 = 277 Volt	WH = White
				5E = 54W T5 Emergency Pack		
				2E = 28W T5 Emergency Pack		
				5D = 54W T5 Dimming		

Complete ordering instructions below.

Features

- Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners or hardware.
- Lamping:** One T5, 28 or 54 watt (as specified) fluorescent lamp per 4-foot nominal section. Provided by others.
- Reflector:** Precision die-formed, semi-specular aluminum.
- Shielding:** Precision die-formed, pierced 20 gauges CRS Piercing is four rows that extend the entire length of the lamps. The pattern is 5/8" (1.59cm) x 1/16" (0.16cm) slot with a 3/16" (0.48cm) separation between rows.

Electrical

Ballast - <10% T.H.D., .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming - 120/277 VAC, 1% dimming level.

Emergency Battery Pack - 28 Watt: 520 Lumens @ 90 min.
54 Watt: 700 Lumens @ 90 min.
4 wire feed required.

Mountings

Dual-screw, draw-tight connector to create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum finish.
Custom colors available, consult factory.

Labels

UL, cUL and I.B.E.W.

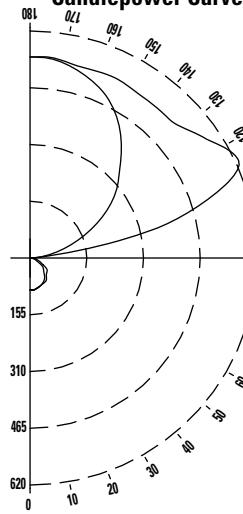
Ordering Instructions**Individual Fixtures:**

- Order number of MODULES required.
- Order one END SET per MODULE.

Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES to complete the run.
- Order one END SET per run.

Job Information **Type:****Job Name:****Cat. No.:****Lamp(s):****Notes:**

Performance Distribution is Symmetrical
Candlepower Curve

Candlepower Summary

ZONE DEG.	0	22	45	67	90
CANDELAS					
180	549	549	549	549	549
175	548	548	549	549	551
165	526	532	537	548	540
155	490	498	515	538	544
145	428	448	484	524	537
135	347	379	439	511	537
125	276	319	427	553	576
115	182	253	435	585	629
105	93	196	376	424	419
95	23	74	50	27	25
90	3	4	5	6	6
85	2	8	9	8	7
75	13	15	15	19	22
65	22	25	28	33	35
55	43	43	51	56	57
45	53	53	59	62	63
35	69	68	70	75	76

Report No: LRL 300-1P
 Cat No: LSB14B28
 Lamps: 1 F28T5
 Lumens: 2900
 Efficiency: 87.3%

Calculations are for 28 watt T5 lamps. For 54 watt T5 lamps, multiply by 1.7.

COEFFICIENTS OF UTILIZATION

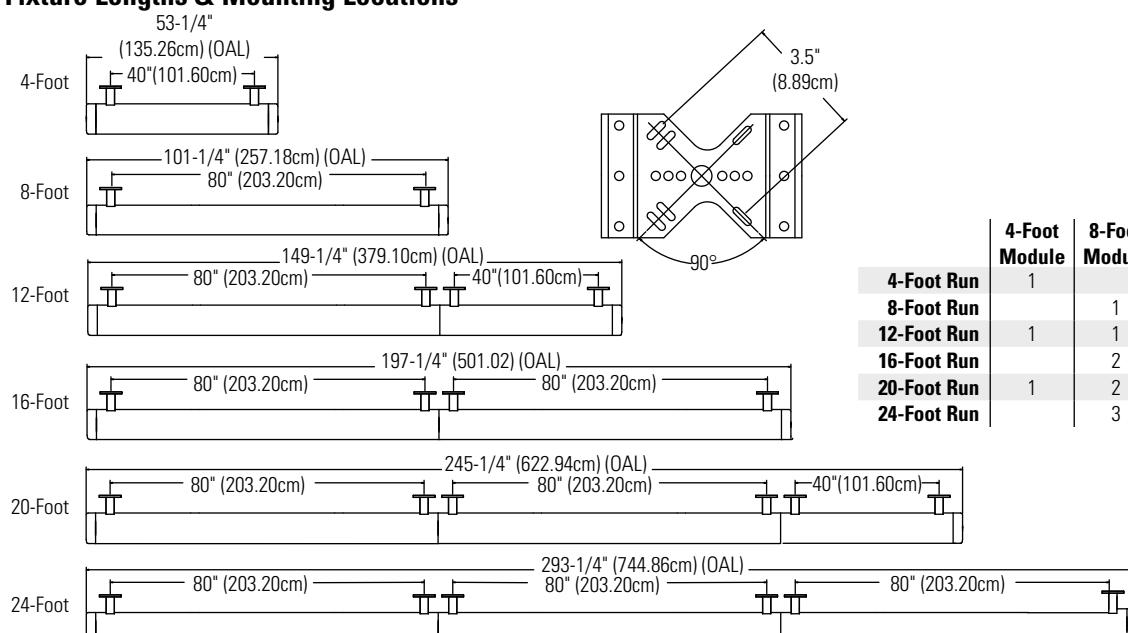
 % EFFECTIVE CEILING CAVITY
 REFLECTANCE

ZONE	80			70			50		
	70	50	30	70	50	30	50	30	10
% WALL REFLECTANCE									
0	85	85	85	74	74	74	53	53	53
1	78	74	71	67	64	62	47	45	43
2	71	65	60	61	56	52	41	38	36
3	64	57	51	56	50	45	36	33	30
4	59	50	44	51	44	39	32	28	26
5	54	44	38	47	39	33	28	25	22
6	49	40	33	43	35	29	25	22	19
7	45	35	29	39	31	26	23	19	16
8	42	32	25	36	28	23	20	17	14
9	39	29	23	34	25	20	19	15	13
10	36	26	20	31	23	18	17	13	11

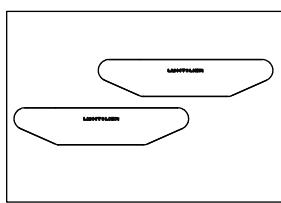
20% FLOOR CAVITY REFLECTANCE

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0 - 90	257	8.9	10.2
90 - 180	2274	78.4	89.8
0 - 180	2531	87.3	100.0

Fixture Lengths & Mounting Locations


4-Foot Module	8-Foot Module	LSBWE
4-Foot Run	1	1
8-Foot Run		1
12-Foot Run	1	1
16-Foot Run		1
20-Foot Run	1	1
24-Foot Run	3	1

Accessories


End Set : LSBWEWH: White
 LSBWEAL: Aluminum

Order one per run of fixtures.

Job Information
Type:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
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